
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=9; day=24; hr=13; min=40; sec=31; ms=641;]

Validated By CRFValidator v 1.0.3

Application No: 10582654 Version No: 3.0

Input Set:

Output Set:

Started: 2010-09-21 15:38:31.639

Finished: 2010-09-21 15:38:34.678

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 39 ms

Total Warnings: 53

Total Errors: 0

No. of SeqIDs Defined: 53

Actual SeqID Count: 53

Error code		Error Descript	ion								
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)

Input Set:

Output Set:

Started: 2010-09-21 15:38:31.639

Finished: 2010-09-21 15:38:34.678

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 39 ms

Total Warnings: 53
Total Errors: 0

No. of SeqIDs Defined: 53

Actual SeqID Count: 53

Error code Error Description

This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Ono et al.	
<120> Modified antibodies recognizing receptor trimers or higher multimers	3
<130> 75996-01	
<140> 10582654 <141> 2010-09-21	
<150> PCT/JP2004/018507 <151> 2004-12-10	
<150> JP 2003-415735 <151> 2003-12-12	
<160> 53	
<170> PatentIn version 3.1	
<210> 1 <211> 797 <212> DNA <213> Artificial	
<220> <223> An artificially synthesized nucleotide sequence	
<400> 1 tagaattcca ccatggagtt tgggctgagc tggctttttc ttgtggctat tttaaaaggt 60	
gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc 120	
ctgagactet cetgtgeage etetggatte acetttagea getatgeeat gagetgggte 180	
cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc 240	
agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac 300	
acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg 360	
aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc 420	
gtctcctcag gtggagaaat tgtgctgact cagtctccag actttcagtc tgtgactcca 480	
aaggagaaag tcaccatcac ctgccgggcc agtcagagca ttggtagtag cttacactgg 540	
taccagcaga aaccagatca gtctccaaag ctcctcatca agtatgcttc ccagtccttc 600	
taccagcaga aaccagatca gtctccaaag ctcctcatca agtatgcttc ccagtccttc 600 tcaggggtcc cctcgaggtt cagtggcagt ggatctggga cagatttcac cctcaccatc 660	

```
<210> 2
<211> 256
<212> PRT
<213> Artificial
<223> An artificially synthesized peptide sequence
<400> 2
Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly
                           10
Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Leu Val Gln
          20
                            25
Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
      55
Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala
                70
                         75
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn
             85
                               90
Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
          100
                            105
Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr
                       120
Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Glu Ile Val
   130
          135
Leu Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val
145 150 155 160
Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp
                         170
             165
Tyr Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala
          180
                            185
Ser Gln Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser
      195
                       200
Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp Ala
              215
```

Ala Ala Tyr Tyr Cys His Gln Ser Ser Ser Leu Pro Ile Thr Phe Gly
225 230 235 240

<210> 3 <211> 794 <212> DNA <213> Artificial <220> <223> An artificially synthesized nucleotide sequence <400> 3 tagaattcca ccatggagtt tgggctgagc tggctttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc 120 ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc 180 cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc 240 agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac 300 360 acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc 420 480 gtctcctcag gtgaaattgt gctgactcag tctccagact ttcagtctgt gactccaaag gagaaagtca ccatcacctg ccgggccagt cagagcattg gtagtagctt acactggtac 540 cagcagaaac cagatcagtc tccaaagctc ctcatcaagt atgcttccca gtccttctca 600 ggggtcccct cgaggttcag tggcagtgga tctgggacag atttcaccct caccatcaat 660 agcctggaag ctgaagatgc tgcagcgtat tactgtcatc agagtagtag tttaccgatc 780 accttcggcc aagggacacg actggagatt aaagactaca aggatgacga cgataagtga 794 taagcggccg caat <210> 4 <211> 255 <212> PRT <213> Artificial <220> <223> An artificially synthesized peptide sequence <400> 4 Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly 10

Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Leu Val Gln

25

20

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala A	Ala Ser Gly Phe Thr Phe 45
Ser Ser Tyr Ala Met Ser Trp Val Arg Gln A 50 55	Ala Pro Gly Lys Gly Leu 60
Glu Trp Val Ser Ala Ile Ser Gly Ser Gly G 65 70 7	Gly Ser Arg Tyr Tyr Ala 75 80
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser A 85 90	Arg Asp Asn Ser Lys Asn 95
Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg A	Ala Glu Asp Thr Ala Val 110
Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp P 115 120	Phe Gly Ala Phe Asp Tyr 125
Trp Gly Gln Gly Thr Leu Val Thr Val Ser S 130 135	Ser Gly Glu Ile Val Leu 140
Thr Gln Ser Pro Asp Phe Gln Ser Val Thr P 145 150 1	Pro Lys Glu Lys Val Thr 155 160
Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly S 165 170	Ger Ser Leu His Trp Tyr 175
Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu L 180 185	Leu Ile Lys Tyr Ala Ser 190
Gln Ser Phe Ser Gly Val Pro Ser Arg Phe S 195 200	Ser Gly Ser Gly 205
Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu G 210 215	Glu Ala Glu Asp Ala Ala 220
Ala Tyr Tyr Cys His Gln Ser Ser Ser Leu P 225 230 2	Pro Ile Thr Phe Gly Gln 235 240
Gly Thr Arg Leu Glu Ile Lys Asp Tyr Lys A 245 250	Asp Asp Asp Lys 255
<210> 5	
<211> 791 <212> DNA	
<213> Artificial	
<220> <223> An artificially synthesized nucleo	otide sequence
<400> 5 tagaattcca ccatggagtt tgggctgagc tggctttt	tc ttgtggctat tttaaaaggt 60
gtccagtgtg aggtacagct gttggagtct gggggagg	get tggtacagee tgggaggtee 120
ctgagactct cctgtgcagc ctctggattc acctttag	gca gctatgccat gagctgggtc 180

cgccaggctc	cagggaaggg	gctggagtgg	gtctcagcta	ttagtggtag	tggtggtagc	240
agatactacg	cagactccgt	gaagggccgg	ttcaccatct	ccagagacaa	ttccaagaac	300
acgctgtatc	tgcaaatgaa	cagcctgaga	gccgaggaca	cggccgtata	ttactgtgcg	360
aaagagagca	gtggctggtt	cggggccttt	gactactggg	gccagggaac	cctggtcacc	420
gtctcctcag	aaattgtgct	gactcagtct	ccagactttc	agtctgtgac	tccaaaggag	480
aaagtcacca	tcacctgccg	ggccagtcag	agcattggta	gtagcttaca	ctggtaccag	540
cagaaaccag	atcagtctcc	aaagctcctc	atcaagtatg	cttcccagtc	cttctcaggg	600
gtcccctcga	ggttcagtgg	cagtggatct	gggacagatt	tcaccctcac	catcaatagc	660
ctggaagctg	aagatgctgc	agcgtattac	tgtcatcaga	gtagtagttt	accgatcacc	720
ttcggccaag	ggacacgact	ggagattaaa	gactacaagg	atgacgacga	taagtgataa	780
gcggccgcaa	t					791

<210> 6

<211> 254

<212> PRT

<213> Artificial

<220>

<223> An artificially synthesized peptide sequence

<400> 6

Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly
1 5 10 15

Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln
20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe $35 \hspace{1.5cm} 40 \hspace{1.5cm} 45 \hspace{1.5cm}$

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 50 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala 65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn 85 90 95

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val 100 105 110

Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr 115 120 125

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Glu Ile Val Leu Thr	
130 135 140	
Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val Thr Ile 145 150 155 160	
Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp Tyr Gln 165 170 175	
Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala Ser Gln 180 185 190	
Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr 195 200 205	
Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp Ala Ala 210 215 220	
Tyr Tyr Cys His Gln Ser Ser Leu Pro Ile Thr Phe Gly Gln Gly 225 230 235 240	
Thr Arg Leu Glu Ile Lys Asp Tyr Lys Asp Asp Asp Lys 245 250	
<210> 7 <211> 1538 <212> DNA <213> Artificial	
<220> <223> An artificially synthesized nucleotide sequence	
<220>	60
<220> <223> An artificially synthesized nucleotide sequence <400> 7	60 120
<220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggcttttc ttgtggctat tttaaaaggt	
<220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggcttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc	120
<220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggctttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc	120 180
<pre><220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggctttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc</pre>	120 180 240
<pre><220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggcttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac</pre>	120 180 240 300
<pre><220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggctttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg</pre>	120 180 240 300 360
<220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggcttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc	120 180 240 300 360 420
<pre><220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggctttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc gtctcctcag gtggaggcgg atcggaaatt gtgctgactc agtctccaga ctttcagtct</pre>	120 180 240 300 360 420 480
<220> <223> An artificially synthesized nucleotide sequence <400> 7 tagaattcca ccatggagtt tgggctgagc tggcttttc ttgtggctat tttaaaaggt gtccagtgtg aggtacagct gttggagtct gggggaggct tggtacagcc tgggaggtcc ctgagactct cctgtgcagc ctctggattc acctttagca gctatgccat gagctgggtc cgccaggctc cagggaaggg gctggagtgg gtctcagcta ttagtggtag tggtggtagc agatactacg cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaagaac acgctgtatc tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg aaagagagca gtggctggtt cggggccttt gactactggg gccagggaac cctggtcacc gtctcctcag gtggaggcgg atcggaaat gtgctgactc agtctccaga ctttcagtct gtgactccaa aggagaaagt caccatcacc tgccgggcca gtcagagcat tggtagtagc	120 180 240 300 360 420 480 540

agtttaccga	tcaccttcgg	ccaagggaca	cgactggaga	ttaaaagagc	tgatgctgca	780
gctgcaggag	gtcccgggtc	cgaggtacag	ctgttggagt	ctgggggagg	cttggtacag	840
cctgggaggt	ccctgagact	ctcctgtgca	gcctctggat	tcacctttag	cagctatgcc	900
atgagctggg	teegeeagge	tccagggaag	gggctggagt	gggtctcagc	tattagtggt	960
agtggtggta	gcagatacta	cgcagactcc	gtgaagggcc	ggttcaccat	ctccagagac	1020
aattccaaga	acacgctgta	tctgcaaatg	aacagcctga	gagccgagga	cacggccgta	1080
tattactgtg	cgaaagagag	cagtggctgg	ttcggggcct	ttgactactg	gggccaggga	1140
accctggtca	ccgtctcctc	aggtggaggc	ggatcggaaa	ttgtgctgac	tcagtctcca	1200
gactttcagt	ctgtgactcc	aaaggagaaa	gtcaccatca	cctgccgggc	cagtcagagc	1260
attggtagta	gcttacactg	gtaccagcag	aaaccagatc	agtctccaaa	gctcctcatc	1320
aagtatgctt	cccagtcctt	ctcaggggtc	ccctcgaggt	tcagtggcag	tggatctggg	1380
acagatttca	ccctcaccat	caatagcctg	gaagctgaag	atgctgcagc	gtattactgt	1440
catcagagta	gtagtttacc	gatcaccttc	ggccaaggga	cacgactgga	gattaaagac	1500
tacaaggatg	acgacgataa	gtgataagcg	gccgcaat			1538

<210> 8

<211> 503

<212> PRT

<213> Artificial

<220>

<223> An artificially synthesized peptide sequence

<400> 8

Met Glu Phe Gly Leu Ser Trp Leu Phe Leu Val Ala Ile Leu Lys Gly
1 5 10 15

Val Gln Cys Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln 20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe 35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala 65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn

90

Thr	Leu	Tyr	Leu 100	Gln	Met	Asn	Ser	Leu 105	Arg	Ala	Glu	Asp	Thr 110	Ala	Val
Tyr	Tyr	Cys 115	Ala	Lys	Glu	Ser	Ser 120	Gly	Trp	Phe	Gly	Ala 125	Phe	Asp	Tyr
Trp	Gly 130	Gln	Gly	Thr	Leu	Val 135	Thr	Val	Ser	Ser	Gly 140	Gly	Gly	Gly	Ser
Glu 145	Ile	Val	Leu	Thr	Gln 150	Ser	Pro	Asp	Phe	Gln 155	Ser	Val	Thr	Pro	Lys 160
Glu	Lys	Val	Thr	Ile 165	Thr	Cys	Arg	Ala	Ser 170	Gln	Ser	Ile	Gly	Ser 175	Ser
Leu	His	Trp	Tyr 180	Gln	Gln	Lys	Pro	Asp 185	Gln	Ser	Pro	Lys	Leu 190	Leu	Ile
Lys	Tyr	Ala 195	Ser	Gln	Ser	Phe	Ser 200	Gly	Val	Pro	Ser	Arg 205	Phe	Ser	Gly
Ser	Gly 210	Ser	Gly	Thr	Asp	Phe 215	Thr	Leu	Thr	Ile	Asn 220	Ser	Leu	Glu	Ala
Glu 225	Asp	Ala	Ala	Ala	Tyr 230	Tyr	Суз	His	Gln	Ser 235	Ser	Ser	Leu	Pro	Ile 240
Thr	Phe	Gly	Gln	Gly 245	Thr	Arg	Leu	Glu	Ile 250	Lys	Arg	Ala	Asp	Ala 255	Ala
Ala	Ala	Gly	Gly 260	Pro	Gly	Ser	Glu	Val 265	Gln	Leu	Leu	Glu	Ser 270	Gly	Gly
Gly	Leu	Val 275	Gln	Pro	Gly	Arg	Ser 280	Leu	Arg	Leu	Ser	Cys 285	Ala	Ala	Ser
Gly	Phe 290	Thr	Phe	Ser	Ser	Tyr 295	Ala	Met	Ser	Trp	Val 300	Arg	Gln	Ala	Pro
Gly 305	Lys	Gly	Leu	Glu	Trp 310	Val	Ser	Ala	Ile	Ser 315	Gly	Ser	Gly	Gly	Ser 320
Arg	Tyr	Tyr	Ala	Asp 325	Ser	Val	Lys	Gly	Arg 330	Phe	Thr	Ile	Ser	Arg 335	Asp
Asn	Ser	Lys	Asn 340	Thr	Leu	Tyr	Leu	Gln 345	Met	Asn	Ser	Leu	Arg 350	Ala	Glu
Asp	Thr	Ala 355	Val	Tyr	Tyr	Суз	Ala 360	Lys	Glu	Ser	Ser	Gly 365	Trp	Phe	Gly
Ala	Phe 370	Asp	Tyr	Trp	Gly	Gln 375	Gly	Thr	Leu	Val	Thr 380	Val	Ser	Ser	Gly
Gly 385	Gly	Gly	Ser	Glu	Ile 390	Val	Leu	Thr	Gln	Ser 395	Pro	Asp	Phe	Gln	Ser 400

```
Val Thr Pro Lys Glu Lys Val Thr Ile Thr Cys Arg Ala Ser Gln Ser
              405
                                 410
                                                      415
Ile Gly Ser Ser Leu His Trp Tyr Gln Gln Lys Pro Asp Gln Ser Pro
           420
                              425
Lys Leu Leu Ile Lys Tyr Ala Ser Gln Ser Phe Ser Gly Val Pro Ser
       435
                         440
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn
   450
                                         460
                      455
Ser Leu Glu Ala Glu Asp Ala Ala Tyr Tyr Cys His Gln Ser Ser
                  470
                                      475
Ser Leu Pro Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Asp
               485
                                  490
Tyr Lys Asp Asp Asp Lys
          500
<210> 9
<211> 15
<212> DNA
<213> Artificial
<220>
<223> An artificial sequence encoding linker sequence
<400> 9
ggtggaggcg gatcg
                                                                    15
<210> 10
<211> 5
<212> PRT
<213> Artificial
<220>
<223> An artificially synthesized linker sequence
<400> 10
Gly Gly Gly Ser
<210> 11
<211> 24
<212> DNA
<213> Artificial
<220>
<223> An artificial sequence encoding flag tag sequence
<400> 11
```

gactacaagg atgacgacga taag